

NONRESIDENTIAL - HOTELS/MOTELS – HIGH-RISE RESIDENTIAL

FACSIMILE TRANSMITTAL SHEET

Date: _____

From: _____

To: _____

Your Phone Number: _____

To Fax Number: (559) 498-4357

Your Fax Number: _____

Number of Pages Transmitted _____ including this page

PERMIT #: _____

RE-ROOF PERMIT APPLICATION

Project Address: _____

Owner: _____

Contractor Information: _____

Company Name	Address	Phone Number
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Building Use: ☐ Commercial Building ☐ Hotel/Motel ☐ High-Rise Residential

Valuation-Total Cost of Roofing Material and Labor: _____

Proposed Roofing Material:

☐ Wood Shake/Shingles ☐ Asphalt Shingle/Composition ☐ Single Ply ☐ Metal

☐ Built-Up/Torch Down/Rolled ☐ Heavy/Light Weight Tile ☐ Foam/Liquid Coating ☐ Other

Roofing Material Information & Approvals:

Manufacturer's Name _____ ICC Evaluation Report No. _____

Cool Roof Rating Council (CRRC) Ratings: Solar Reflectance: _____ Thermal Emittance/SRI: _____

CRRC Product ID No. _____ Cool Roof Exceptions: **SEE PAGE 2 FOR OPTIONS BASED ON BUILDING USE**

Installed Weight of Tile: _____ Roof Slope: _____ Roofing Area: _____

☐ Tear Off ☐ Overlay (Only one existing may remain)

COMMENTS:

- * The Attic Ventilation Worksheet shall be completed by the contractor/applicant to determine the number of vents required to comply with minimum Building Code requirements. (see attached)
- * FOR LARGE STRUCTURES OR STRUCTURES WITH COMPLEX ROOF AND ATTIC AREAS, A ROOF PLAN SHALL BE PROVIDED SHOWING LOCATION OF EXISTING AND PROPOSED ATTIC VENTS.

COOL ROOF PRODUCTS SHALL MEET THE REQUIREMENTS AS NOTED BELOW:

CALIFORNIA ENERGY CODE

SECTION 149 ROOF REPLACEMENTS
NONRESIDENTIAL - HOTELS / MOTELS – HIGH-RISE RESIDENTIAL

STRUCTURE	LOW-SLOPE < 2/12	STEEP SLOPE	ROOFING DENSITY < 5 PSF	ROOFING DENSITY > 5 PSF	SOLAR REFLECTANCE (MINIMUM)	THERMAL EMITTANCE (MINIMUM)	SRI	NOTES
NONRESIDENTIAL	X				0.55	0.75	64	1-2
NONRESIDENTIAL		X	X		0.20	0.75	16	2-3
NONRESIDENTIAL		X		X	0.15	0.75	10	2
HIGH-RISE RESIDENTIAL	X				0.55	0.75	64	1-2
HOTELS / MOTELS	X				0.55	0.75	64	1-2
HOTELS / MOTELS		X	X		0.20	0.75	16	2-3
HOTELS / MOTELS		X		X	0.15	0.75	10	

NOTES:

1. If the existing roofing is removed to the roof deck, the exposed area **must be insulated to R-14 value in addition to the installation of a Cool Roof.**

Proposed Insulation Manufacturer _____

Proposed Insulation Thickness _____

- ☐ Exception: The existing roof is insulated with at least R-7 insulation.
- ☐ Exception: Existing roof assembly has a U-factor lower than 0.089.
- ☐ Exception: The AC units are not going to be lifted. The insulation may be limited to provide a minimum 8" exposure at the base flashing.
Proposed Insulation Manufacturer _____
Proposed Insulation Thickness _____
- ☐ Exception: The insulation may be less than R-14 if the wall base flashing would be reduced to less than 8" by the installation of the R-14, and the following apply:
 - The walls are furnished with siding other than roofing; and
 - The exterior wall siding would have to be removed; and
 - Replaced roof area ÷ linear wall dimension ≤ 25.

2. If the roofing product does not meet Cool Roof requirements, the Overall Envelope Time Dependent Valuation Energy Approach of Section 143(b) of the California Energy Code may be used.

3. **The attic ventilation is required to meet current California Building Code requirements when roofing with composition shingles due to manufacturer's warranty requirements. Low vents must be distributed equally around the structure. Current CBC requirement is 1/300 of the attic floor area.**
(SEE ATTIC VENTILATION WORKSHEET)

TYPICAL VALUES FOR ATTIC VENTS

Soffit Vents

3.5 x 14.5 = 30 sq ins

3.5 x 22.5 = 50 sq ins

5.5 x 22.5 = 80 sq ins

Small Dormer Vents

50 sq ins

Large Dormer Vents

100 sq ins

Ridge Vents

Per ICC Evaluation
Report

ATTIC VENTILATION WORKSHEET

STEP 1

Determine Total Square Feet of Attic Floor Space ("Enclosed" Attic Space)

Length of Attic _____ x Width of Attic _____ = (a¹) _____ Square feet of attic space
(Repeat process for all attic areas)

Length of Attic _____ x Width of Attic _____ = (a²) _____ Square feet of attic space
(Repeat process for all attic areas)

Areas without Attic Space / Unenclosed / Vaulted ceiling (b) = _____ Square feet

Net Ventable Attic Space (c) = _____ Square Feet (a) – (b) = (c)

STEP 2

Calculate Ventilation Requirement

(c) _____ ÷ 300 = (d) _____ Square feet of code required ventilation

STEP 3

Convert Square Feet to Square Inches

(d) _____ x 144 = (e) _____ **TOTAL square inches of code required ventilation**

STEP 4

Determine High & Low Ventilation Requirement

(e) _____ ÷ 2 (high & low ventilation) = (f) _____ **Square inches of code required ventilation (high & low)**

STEP 5

Determine Number of Existing Vents and Proposed New Vents in order to meet Ventilation Requirement

Existing High Vents: Number of vents _____ @ _____ square inches = _____ square inches
Existing High Vents: Number of vents _____ @ _____ square inches = _____ square inches
Proposed High Vents: Number of vents _____ @ _____ square inches = _____ square inches
Total High Ventilation to be provided = _____ total square inches

Existing Low Vents: Number of Vents _____ @ _____ square inches = _____ square inches
Existing Low Vents: Number of Vents _____ @ _____ square inches = _____ square inches
Proposed Low Vents: Number of Vents _____ @ _____ square inches = _____ square inches
Total Low Ventilation to be provided = _____ total square inches

Example:

Step 1 Attic Area: 60 ft x 20 ft = (a) 1200 sq ft & (b) = 0

(a) 1200 – (b) 0 = (c) 1200 sq ft

Step 2 Ventilation Calculation: (c) 1200 ÷ 300 = (d) 4 sq ft

Step 3 Convert to Sq Inches: (d) 4 sq ft x 144 = (e) 576 sq in

Step 4 High and Low Vent Area Req'mts: (e) 576 ÷ 2 = (f) 288 square inches

Step 5:

Provided Low Vents (intake): 6 soffit vents @ 48 square inches each = 288 square inches

Provided High Vents (exhaust): 6 dormer vents @ 48 square inches each = 288 square inches

Total Ventilation provided: = 576 square inches



Development and Resource Management Department
Building and Safety Services Division

Project Address _____

Permit No. _____

APPLICATION TYPE: BLDG _____ ELEC _____ PLBG _____ MECH _____ GRAD _____ OTHER _____
DRAW DOWN _____ ACCT NO. _____ CREDIT CARD _____ ACCT NAME _____

SPECIAL CONDITIONS

WORKERS COMPENSATION

Section 3800 of the State Labor Code provides that every county or city which requires issuance of a permit as a condition precedent to the construction, alteration, improvement, demolition, or repair of any building or structure shall require that each applicant for permit have on file:

(Please Initial)

- _____ A Certificate of Consent to self-insure by the Director of Industrial Relations or
- _____ A Certificate of Workers' Compensation Insurance issued to the city to be an admitted insurer.
- _____ A signed statement of a Firm Without Employees on file with the city.

EXCLUSIONS

(Please Initial)

- _____ Permits for work costing \$100.00 or less.
- _____ Applicants for permits who sign the following certifications:
"I certify that in the performance of the work for which this permit is issued I shall not employ any person in any manner so as to become subject to the Workers' Compensation Laws of California."

If after signing this certificate, the applicant desires to employ any person for work covered by this permit, the applicant must obtain Workers' Compensation Insurance as required by Section 3700 of the State Labor Code, or this permit shall be deemed revoked.

STATE REQUIRED LICENSING

I hereby affirm under penalty of perjury that I am licensed under provisions or Chapter 9 of Division 3 of the Business and Professions Code, and my license is in full force and effect. **LICENSE NO.** _____

EXEMPTION FROM STATE REQUIRED LICENSING

(Please Initial)

- _____ I am the owner of the property addressed on the subject permit application. The building or improving of structures hereon, or appurtenances thereto, will be done by myself or through my own employees with wages as their sole compensation. The structure or structures, with or without the appurtenances thereto, is not intended to be and will not be offered for sale within one year after completion of same (Section 7044).
- _____ As owner of the property the building or improving structures or appurtenances thereto will be contracted with licensed contractors. (Section 7044)
- _____ Aggregate total of the contracts is not more than \$500.00 for labor, materials, and all other work. (Section 7048)
- _____ I am a licensed architect, engineer, or structural pest control operator within the scope of my license. (Section 7051)

Print Firm Name: _____

HAZARDOUS WASTE AND SUBSTANCE SITES

I declare that I have made application for a permit to develop property at Fresno California. I have consulted the list of Hazardous Waste and Substance Sites developed by the State Office of Planning and Research pursuant to GC Section 65962.5.

(Please Initial)

- _____ I have determined that the said property is **not** included on a list compiled pursuant to this section.
- _____ I have determined that the said property is included on a list compiled pursuant to this section.

I further declare under penalty of perjury under the laws of the State of California, that the foregoing is true and correct.

DATED THIS _____ DAY OF _____ 20 _____

SIGNATURE _____ PHONE NUMBER _____

PRINT NAME _____ Staff Initials _____